

Program Requirements:

"Program Requirements" specify the courses required for this program. See suggested course sequence for additional information.

A major of 18 units is required for the degree.

Required core courses (12 units):

COURSE	TITLE	UNITS
<input type="checkbox"/> CS 111	Fundamentals of Programming 1	4
<input type="checkbox"/> CS 112	Fundamentals of Programming 2	4
<input type="checkbox"/> MATH 181	Calculus 1	4

Plus a minimum of 6 units selected from the following:

COURSE	TITLE	UNITS
<input type="checkbox"/> CS 102	Introduction to Computing with HTML	3
<input type="checkbox"/> CS 131	Computer Organization	3
<input type="checkbox"/> CS 161	Discrete Structures	3

Suggested Course Sequence

The "Suggested Course Sequence" is an example of how to complete the requirements plus any additional general education that may be needed. If you would like to create a personalized Student Education Plan (SEP), schedule a meeting with a counselor.

This suggested plan assumes a student is eligible for MATH 181.

FALL SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> CS 111	Fundamentals of Programming 1	4
<input type="checkbox"/> MATH 181	Calculus 1	4
<input type="checkbox"/> STEM 100	Success Strategies in Science, Technology, Engineering and Mathematics (STEM)	1
<input type="checkbox"/> ENGL 101	Freshman Composition: Exposition	4
Total Units		13

Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library and tutoring
- Review Financial Aid Requirements
- Apply AHC Scholarship

SPRING SEMESTER (YEAR 1)

Course	Title	Units
<input type="checkbox"/> CS 112	Fundamentals of Programming 2	4
<input type="checkbox"/> HED 100	Social and Personal Health and Wellness	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<input type="checkbox"/> AHC GE REQ	Area 4B: United States History and Government	3
Total Units		13+

Tasks:

- Set up Jobspeaker
- Attend Career Exploration Day
- FAFSA or Dream Act due March 2
- Apply AHC Scholarship

SUMMER SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> AHC Grad Req	Dance or Physical Activity	.5-3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
Total Units		4+

FALL SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> CS 131	Computer Organization	3
<input type="checkbox"/> AHC GE REQ	Area 3: Arts and Humanities	3
<input type="checkbox"/> AHC GE Req	Area 6: Ethnic Studies	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
Total Units		14+

SPRING SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> CS 161	Discrete Structures	3
<input type="checkbox"/> AHC GE REQ	Area 5: Natural Science	3-4
<input type="checkbox"/> AHC GE REQ	Area 4A: Social and Behavioral Sciences	3
<input type="checkbox"/> AHC GE REQ	Area 4A: Social and Behavioral Sciences	3
<input type="checkbox"/> ELECTIVE	100-LEVEL COURSE	3
Total Units		14+

Tasks:

- Apply for Degree with Counseling
- Utilize Job Search Resources
- Complete FAFSA or Dream Act by March 2
- Attend Job Fair/Career Exploration Day